### MISSISSIPPI STATE DEPARTMENT OF HEALTH BUREAU OF PUBLIC WATER SUPPLY CCR CERTIFICATION FORM

CALENDAR YEAR 2012

RECEIVED-WATER SUPPLY

2013 JUN 24 PM 1: 15

May be e-mailed to:

<u>Melanie.Yanklowski@msdh.state.ms.us</u>

		South Newto	On Rural Water Associat Public Water Supply Name	10n 井 2		
	S		0510019 PWS ID # ('s):			
report (delivere follow fax a h	(CCR) to its custo ed to the customent the proper proced ard copy of the (	mers each year. Depending on rs, published in a newspaper of	the population served by the local circulation, or provided R. Since this is the first year to MSDH. Please check all			
. o.	Customers were informed of availability of CCR by: (Attach copy of publication, water bill, or other)					
2.7	×	Advertisement in local paper On water bills (attach copy of E-mail message (MUST Email Other	of bill) ail the message to the address	below)		
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ter	CCR was published in local newspaper. (Attach copy of published CCR and proof of publication)  Name of Newspaper:  Date Published:/					
	CCR was posted	d in public places. (Attach list e	of locations) Date poste	d:/		
	CCR was posted	on a publicly accessible intern	net site at the address:(DIRE	CT URL REQUIRED):		
CERTI	FICATION:					
the form	n and manner ider d in this CCR is tr s by the Mississip	ntified above and that I used dis	stribution methods allowed b t with the water quality moni	ted to the customers of this public water system in by the SDWA. I further certify that the information toring data provided to the public water system oly.		
the abo	ve Public Water	r System and is certified on		nection, LLC with information provided by s the information provided.		
Signatur	San Bay	yette		4-30-13 Date		
	r or send via U u of Public Wo	J. S. Postal Service: ater Supply		y be faxed to: 1) 576-7800		

P O Box 1700

Jackson, MS 39215

## Annual Drinking Water Quality Report South Newton Rural Water Association # 2 PWS ID #0510019 April, 2013

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water is purchased from the City of Newton.

A source water assessment has been completed for the City of Newton's water supply to determine the overall susceptibility of its drinking water to identify potential sources of contamination. The water supply for the City of Newton received one lower, one moderate and one high susceptibility ranking to contamination.

We're pleased to report that our drinking water meets all federal and state requirements.

If you have any questions about this report or concerning your water utility, please contact Wayne Clanton at 601-917-4978. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Thursday of each month at the South Newton Rural Water Association office at 5:00 p.m.

South Newton Rural Water Association #1 routinely monitors for constituents in your drinking water according to Federal and State laws. This table shows the results of our monitoring for the period of January 1st to December 31<sup>st</sup>, 2012. As water travels over the land or underground, it can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Treatment Technique (TT) - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.

Maximum Contaminant Level - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

				TEST R	ESULTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic (	Contami	nants						
10. Barium	Z	2010*	0.02	No Range	Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
14. Copper	Z	2011*	0.3	None	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	Z	2010*	0.6	No Range	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2011*	1	None	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectar	nts & Di	sinfection	n By-Pro	oducts				
Chlorine (as Cl2)	N	1/1/12 to 12/31/12	0.90	0.70 to 0.90	ppm	4	4	Water additive used to control microbes
73. TTHM [Total trihalo-methanes]	N	2011*	18.46	None	ppb	0	80	By-product of drinking water chlorination
HAA5 [Haloacetic acidds	N	2011*	6.0	None	ppb	0	60	By-product of drinking water chlorination

<sup>\*</sup> Most recent sample results available

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", our system is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year in which average fluoride sample results were within the optimal range of 0.7 to 1.3 ppm was 6. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7 to 1.3 ppm was 75%.

\*\*\*\*\*APRIL 1, 2013 MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*\*
In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. This is to notify you that as of this date, your water system has completed the monitoring requirements and is now in compliance with the Radionuclides Rules. If you have any questions, please contact Karen Walters, Director of Compliance and Enforcement, Bureau of Public Water Supply, at 601-576-7518.

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. South Newton Rural Water Association #1 is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested..

# PROOF OF PUBLICATION

## STATE OF MISSISSIPPI COUNTY OF NEWTON

Personally came before me the undersigned authority, in and for the County and State aforesaid Luke Horton, who being by me duly sworn, states on oath that he is the Publisher of *The Newton County Appeal*, a newspaper published in Newton County, Mississippi. A copy of which is hereto attached, has

Appeal, a newspaper published					
been made in said papertimes consecutively, to-wit:					
	Vol. No. 140 No. 42		2 Date 5-22	_,20 <u>13</u>	
For:	Vol. No	No	_ Date	_,20	
South Newtor	Vol. No	No	_ Date	_,20	
Water 1758.	Vol. No	No	_ Date	_,20	
#4	Vol. No	No	_ Date	_,20	
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			Sworn to and subscrib	ed before me,	
		this <u>33</u>	day of Muy	· ,20 13	
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2012 CONSUMER CONFIDENCE REPORT AVAILABLE IN OFFICE

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